

## INTERMODAL NETWORK Passenger Rail

FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
<b>GIS SPATIAL INFORMATION</b>			
SHAPE	Caltrans State Highway Coverage	Internal Arcview Code -- Type of Shape file	ESRI proprietary format
CO	Caltrans GIS Center	Caltrans District code	Numeric
DIST	Caltrans GIS Center	Caltrans County code	Text
ROWOWNER	Caltrans GIS Center	Identifies the railroad operator who controls a railroad right-of-way.	Text
		BART = Bay Area Rapid Transit System	
		BNSF = Burlington Northern and Santa Fe Railway	
		CALT = Caltrain	
		LART = Los Angeles Metro (Light Rail)	
		SCRR = Southern California Railroad Authority	
		RTM = Sacramento RT Metro	
		SCCT = Santa Clara County Transit	
		SDIV = San Diego and Imperial Valley Railroad	
		SDNR = San Diego Northern Railroad	
		UP = Union Pacific Railroad	
RRCLASS	Caltrans GIS Center	Numeric code identifying railroad class. 1 = Mainline Railroad, 7 = Rapid Transit line	Numeric
TRKTYPE	Caltrans GIS Center	Numeric code used to identify track type. 1 = Principal through tracks, 7 = Principal Commuter	Numeric
STATUS	Caltrans GIS Center	Numeric code used to identify the status of a particular railroad line. 1 = Active, 2 = Under Construction	Numeric
PRAIL	Caltrans GIS Center	Identifies any railroad line which carries passenger rail traffic. 0 = No, 1 = Yes	Numeric
COMM	Caltrans GIS Center	Identifies any railroad line which carries commuter passenger traffic. 0 = No, 1 = Yes	Numeric
ITMS	Caltrans GIS Center	ITMS code	Text
CLASS	Caltrans GIS Center	Class of service.	Numeric
TYPE	Caltrans GIS Center	Type of operator.	Numeric
INTERCITY	Caltrans GIS Center	Intercity type of service.	Text
PASS_RAIL	Caltrans GIS Center	Passenger rail type of service	Text
FREIGHT	Caltrans GIS Center	Freight type of service.	Text

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FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
ISEG	Caltrans GIS Center	Internal GIS code	Numeric
MAXGRWT	Official Railway Guide	Maximum gross weight, in pounds	Numeric
TDM_ID	Internal ITMS join code	ITMS code used to join ITMS railroad spatial data to the freight rail attributes data	Numeric
TOTAL_LINE	Caltrans GIS Center	Total routes using facility	Numeric
COMMUTER	Caltrans GIS Center	Commuter type of service	Text
OTH_AMTK	Caltrans GIS Center	Other Amtrak type of service.	Text
ST_SUB_AM	Caltrans GIS Center	State subsidized Amtrak.	Text
OPERATOR	Caltrans GIS Center	Passenger rail operator	Numeric
ITMS_ID	ITMS Team	ITMS Join code	Numeric
RAIL_ID	Internal ITMS join code	ITMS Join code	
OPENS	ITMS Team	Analysis year the facility opens (0=Existing Facility)	Numeric
CLOSES	ITMS Team	Analysis year the facility closes (0=Existing Facility)	Numeric
ICRAILCODE	ITMS Team	ITMS code used to join ITMS railroad spatial data to the Amtrak rail attributes data	Text
GIS_ID	ITMS Team	Unique identifier required for mode shift model, also used to join passenger rail and Amtrak spatial shape files to respective attribute tables.	Numeric
F_LENGTH	Regional Travel Demand Model	Feature length of demand segment in miles.	Numeric
FNODE_	Caltrans GIS Center	Internal ARC/INFO Code -- From node	Numeric
TNODE_	Caltrans GIS Center	Internal ARC/INFO Code -- To node	Numeric
I_PAX_SPD	Caltrans Division of Rail Trackage Maps	Posted speed for passenger trains	Numeric
I_FRT_SPD	Caltrans Division of Rail Trackage Maps	Posted speed for freight trains	Numeric
I_NODE1	Caltrans Division of Rail Trackage Maps	Beginning node	Numeric
I_NODE2	Caltrans Division of Rail Trackage Maps	Ending node	Numeric
I_MP1	Caltrans Division of Rail Trackage Maps	Beginning milepost	Numeric
I_MP2	Caltrans Division of Rail Trackage Maps	Ending milepost	Numeric
F_CURVES	Caltrans Division of Rail Trackage Maps	Curve 1 = Straight; 2 = Few Curves; 3 = Many Curves	Numeric

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FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
I_STATIONS	Caltrans Division of Rail Trackage Maps	Presence of a station on the segment	Text
I_PIPE_ROW	Caltrans Division of Rail Trackage Maps	Presence of a pipeline along the right of way.	Boolean
C_TRACKS	Caltrans Division of Rail Trackage Maps	Number of mainline tracks	Numeric
F_WDT_REST	Caltrans Division of Rail Trackage Maps	Width restriction	Numeric
F_HT_REST	Caltrans Division of Rail Trackage Maps	Height at which a width restriction occurs	Numeric
F_ATC	Caltrans Division of Rail Trackage Maps	Train automatic train control description	Numeric
<b>ITMS DATA ONLY</b>			
JOINRAIL	ITMS Team	Unique identifier required for mode shift model, also used to join Passenger Rail spatial shape files to respective attribute tables.	Text
I_SEG_ID	Regional Travel Demand Model	Segment identification code used by ITMS in the person mode shift model (same as ITMS_ID)	Text
SEQUENCE	Regional Travel Demand Model	DKS identification number.	Numeric
I_ROUTE_ID	Regional Travel Demand Model	Route Name from Regional Travel Demand Model(s).	Text
I_SEG_DESC	Regional Travel Demand Model	Second of I_seg_desc on shape file	Text
I_DIR_A	Regional Travel Demand Model	Identification for Direction 'A'	Text
I_DIR_B	Regional Travel Demand Model	Identification for Direction 'B'	Text
I_COUNTY	Regional Travel Demand Model	County designation from Regional Travel Demand Model(s)	Text
I_MPO	Regional Travel Demand Model	Metropolitan Planning Organization	Text
I_RTPA	Regional Travel Demand Model	Regional Transportation Planning Agency	Text
BASE_YEAR	Regional Travel Demand Model	Base year from regional travel demand model from which ITMS year was extrapolated	Numeric
I_A_NODE1	Regional Travel Demand Model	Direction 'A' - Beginning node from MPO/RTPA travel demand models	Numeric
I_A_NODE2	Regional Travel Demand Model	Direction 'A' - Ending node from MPO/RTPA travel demand models	Numeric
I_OPER	Regional Travel Demand Model	Transit operators.	Text
I_MODE	Regional Travel Demand Model	Rail mode (heavy, light, commuter)	Text
REP_A1	Regional Travel Demand Model	Direction 'A' - Representative node next to NODE1	Numeric
REP_A2	Regional Travel Demand Model	Direction 'A' - Representative node next to NODE2	Numeric

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FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
A_PEAK_VEH	Regional Travel Demand Model	Direction 'A' - Average peak hour vehicles (trains)	Numeric
A_PK_SEATS	Regional Travel Demand Model	Direction 'A' - Number of seats offered in the peak hour.	Numeric
A_PK_PAX	Regional Travel Demand Model	Direction 'A' - Average peak hour passengers	Numeric
A_PEAK_SPD	Regional Travel Demand Model	Direction 'A' - Average peak hour speed	Numeric
A_PEAK_AVO	Regional Travel Demand Model	Direction 'A' - Peak period average vehicle occupancy	Numeric
A_DLY_VEH	Regional Travel Demand Model	Direction 'A' - Average daily vehicles (trains)	Numeric
A_DLY_PAX	Regional Travel Demand Model	Direction 'A' - Average daily passengers	Numeric
A_DLY_SPD	Regional Travel Demand Model	Direction 'A' - Average daily speed	Numeric
A_DLY_AVO	Regional Travel Demand Model	Direction 'A' - Daily average vehicle occupancy	Numeric
REP_B1	Regional Travel Demand Model	Direction 'B' - Representative node next to NODE1	Numeric
REP_B2	Regional Travel Demand Model	Direction 'B' - Representative node next to NODE2	Numeric
B_PEAK_VEH	Regional Travel Demand Model	Direction 'B' - Average peak hour vehicles (trains)	Numeric
B_PK_SEATS	Regional Travel Demand Model	Direction 'B' - Number of seats offered in the peak hour.	Numeric
B_PK_PAX	Regional Travel Demand Model	Direction 'B' - Average peak hour passengers	Numeric
B_PEAK_SPD	Regional Travel Demand Model	Direction 'B' - Average peak hour speed	Numeric
B_PEAK_AVO	Regional Travel Demand Model	Direction 'B' - Peak period average vehicle occupancy	Numeric
B_DLY_VEH	Regional Travel Demand Model	Direction 'B' - Average daily vehicles (trains)	Numeric
B_DLY_PAX	Regional Travel Demand Model	Direction 'B' - Average daily passengers	Numeric
B_DLY_SPD	Regional Travel Demand Model	Direction 'B' - Average daily speed	Numeric
B_DLY_AVO	Regional Travel Demand Model	Direction 'B' - Daily average vehicle occupancy	Numeric
PEAK_AP	Regional Travel Demand Model	Peak hour access price in dollars	Numeric
PEAK_AT	Regional Travel Demand Model	Peak hour access time in minutes	Numeric
PEAK_TP	Regional Travel Demand Model	Peak hour travel price in dollars per mile	Numeric
DLY_AP	Regional Travel Demand Model	Average daily access price in dollars	Numeric
DLY_AT	Regional Travel Demand Model	Average daily travel time in minutes	Numeric
DLY_TP	Regional Travel Demand Model	Average daily travel price in dollars per mile	Numeric
C_A_VPHPL	Regional Travel Demand Model	Temporary field used in the person mode shift model	Numeric

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FIELD NAME	SOURCE	FIELD DESCRIPTION	DATA TYPE
C_B_VPHPL	Regional Travel Demand Model	Temporary field used in the person mode shift model	Numeric
F_AVE_DIST	Regional Travel Demand Model	Average distance traveled by an individual in the region	Numeric
ACTION	ITMS Team	Temporary field used by ITMS to identify actions/strategies	Text
VCR	Field Null	Temporary field used in the person mode shift model	Text
YEAR	Regional Travel Demand Model	ITMS analysis year	Numeric
DLY_PAX	Regional Travel Demand Model	Daily passengers along segment in both directions	Numeric
F_A_LANES	Field Null	Temporary field used in the person mode shift model.	Text
F_B_LANES	Field Null	Temporary field used in the person mode shift model.	Text
C_FFSPD	Regional Travel Demand Model	Free-flow speed in the model as described in the regional travel demand model	Numeric